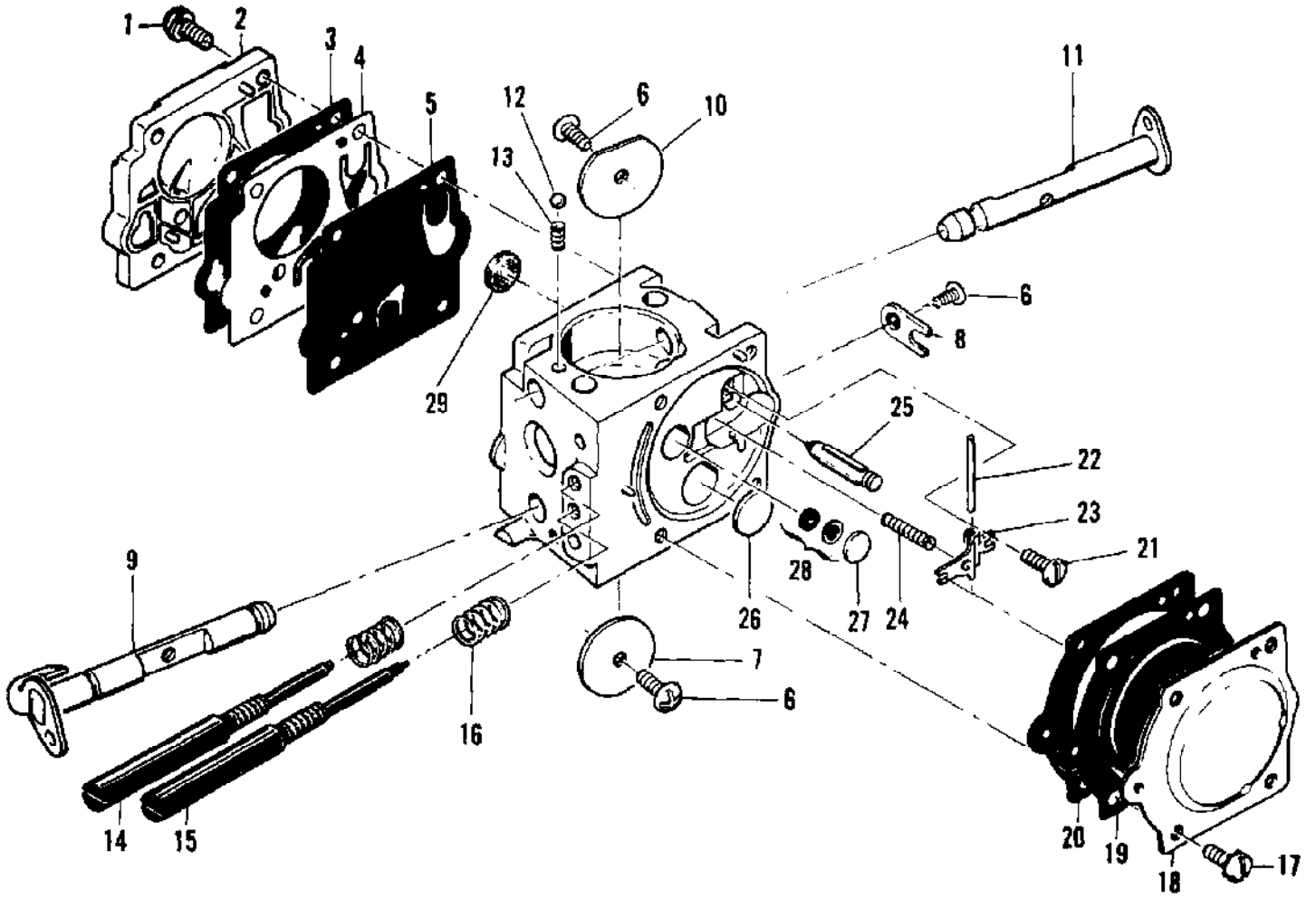
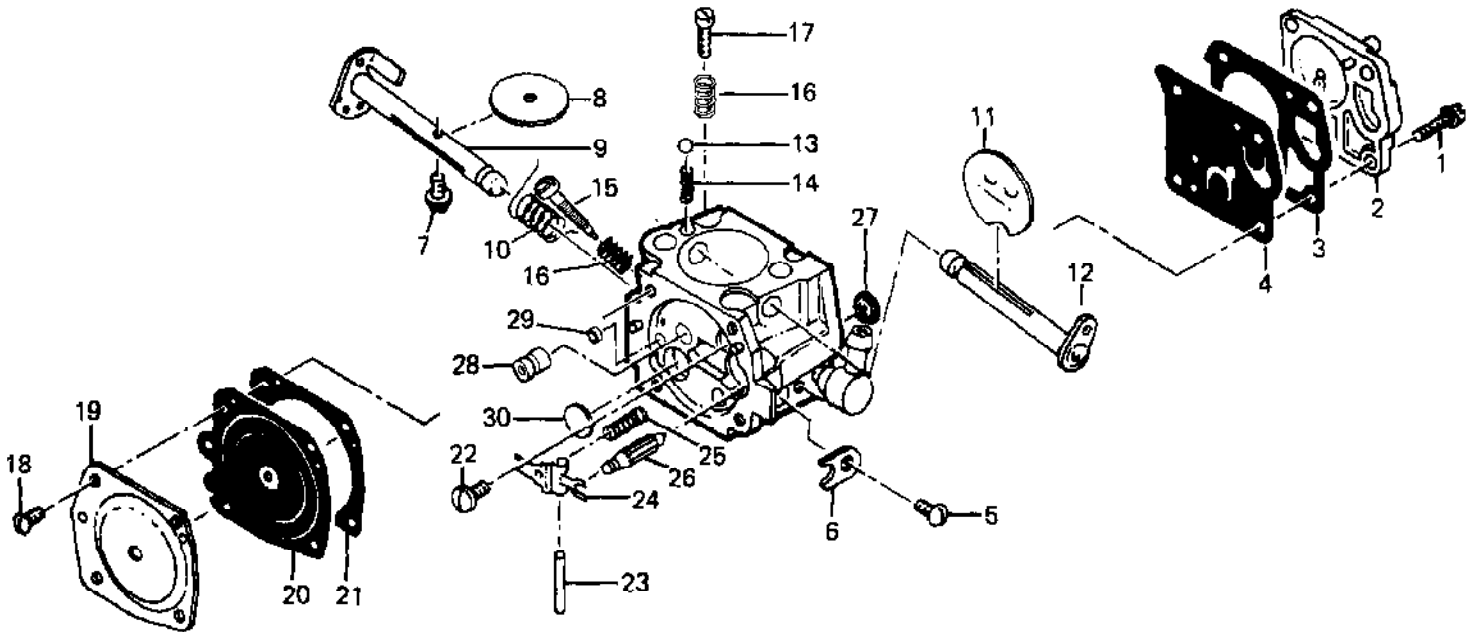


No  
Diagram  
Available  
  
Parts List  
Only

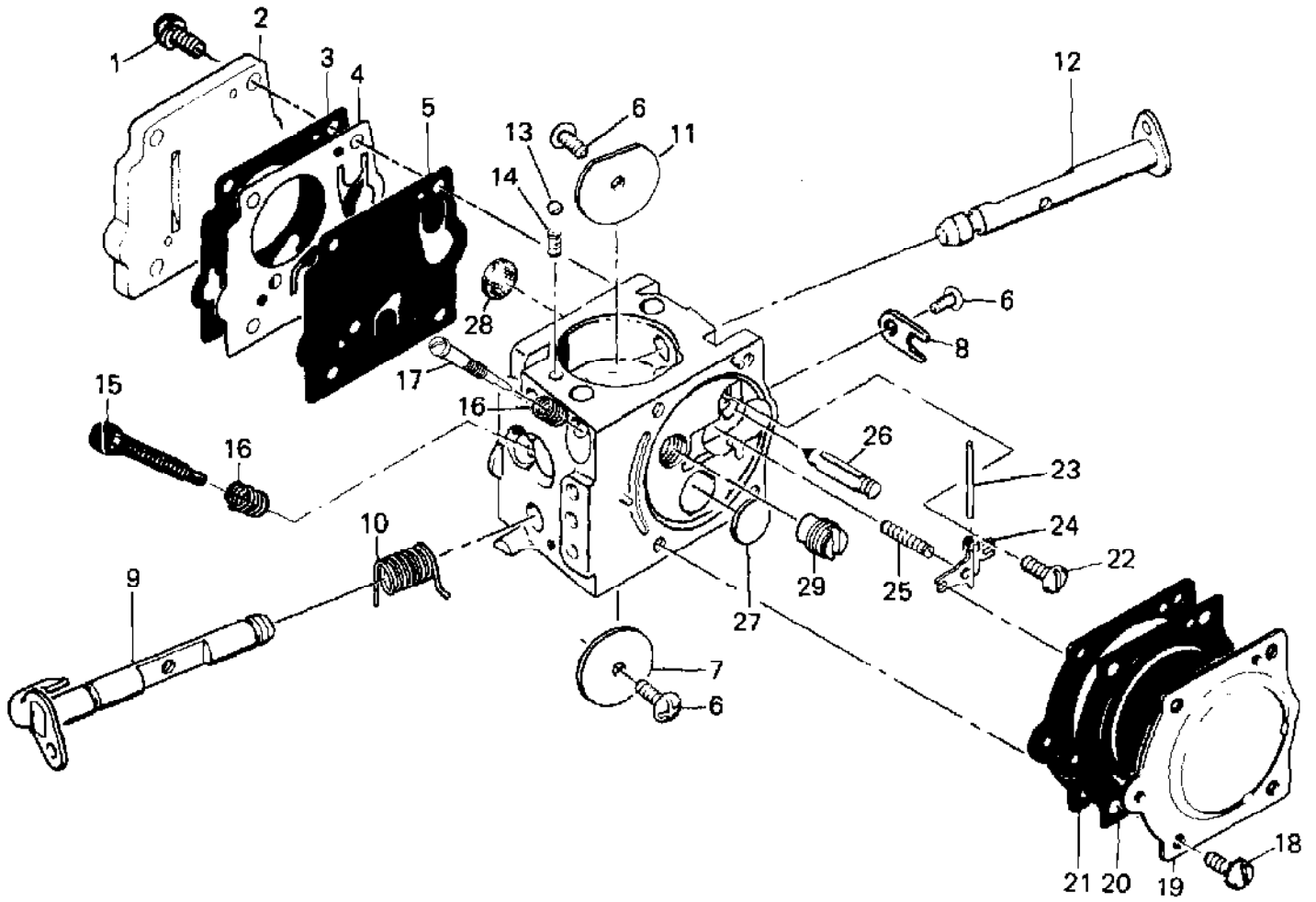
Ref #	Part Number	Qty	Description
	84453		Kit - Piston tool
	69191		Kit - Pressure test adaptor
	84922		Kit - Baffle
	86419		Guide - Timing
	85933		Kit - Spark arrester screen
	63097		Spark Plug (Standard)
	63432		Spark Plug (Cooler)
	62827		Wrench/Screwdriver
	65370		Kit - Spkt 7T .354 P
	63746		Scrench



Ref #	Part Number	Qty	Description
	87666	1	Carburetor Asy
1	67501	4	Screw - Pump cover
2	83760	1	Cover - Pump
3	67495	1	Gasket - Cover
4	67498	1	Diaphragm - Check valve
5	83114	1	Diaphragm - Fuel pump
6	47690	3	Screw - Plate
7	83762	1	Plate - Throttle
8	67489	1	Clip - Shaft
9	67486	1	Shaft Asy - Throttle
10	67490	1	Plate - Choke
11	67488	1	Shaft Asy - Choke
12	100302	1	Ball - Choke friction
13	67504	1	Spring - Choke
14	87915	1	Needle - High speed
15	87916	1	Needle - Idle
16	67502	2	Spring - Needle
17	70798	4	Screw - Diaphragm cover
18	83761	1	Cover - Diaphragm
19	67499	1	Diaphragm - Metering
20	67496	1	Gasket - Diaphragm
21	67500	1	Screw - Lever pin
22	67508	1	Pin - Lever
23	67509	1	Lever - Metering
24	67503	1	Spring - Lever
25	67491	1	Valve - Needle
26	71690	1	Plug - 3/8
27	69506	1	Plug - 5/16
28	83758	1	Kit - Valve & Seat Asy
29	67507	1	Screen - Fuel

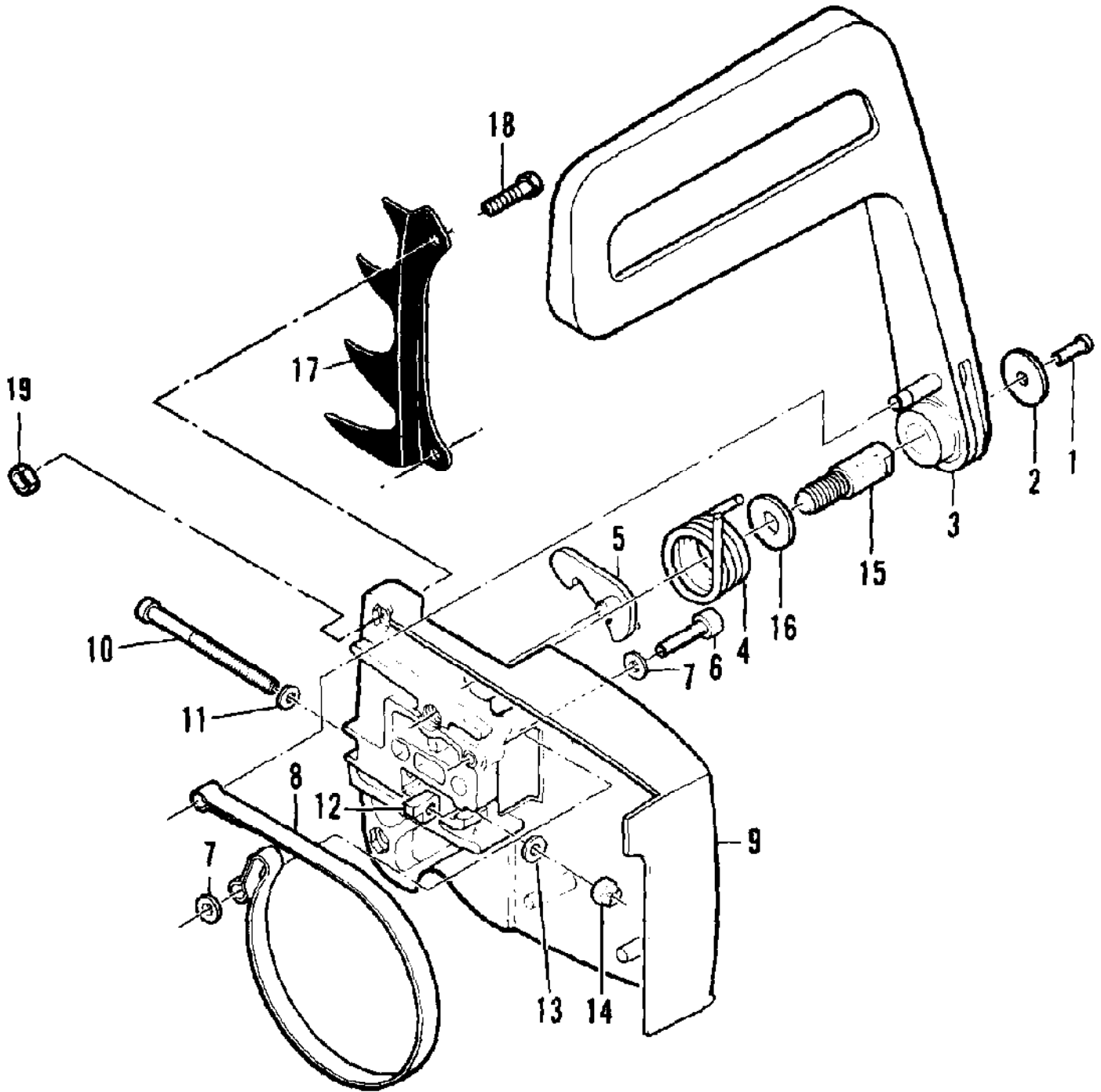


Ref #	Part Number	Qty	Description
	91121	1	Carburetor Asy - HS
1	52933	4	Screw - Pump cover
2	66628	1	Cover - Pump
3	66629	1	Gasket - Pump cover
4	66630	1	Diaphragm - Fuel pump
5	48780	1	Screw - Throttle shaft clip
6	66646	1	Clip - Throttle shaft
7	48780	1	Screw - Throttle plate
8	51720	1	Plate - Throttle
9	87922	1	Shaft Asy - Throttle
10	67136	1	Spring - Throttle shaft
11	65856	1	Plate - Choke
12	83725	1	Shaft Asy - Choke
13	100071	1	Ball - Choke friction
14	48759	1	Spring - Choke friction
15	88768	1	Needle - Idle mixture
16	66626	2	Spring - Idle
17	66625	1	Screw - Idle speed adjust
18	51721	4	Screw - Diaphragm cover
19	83724	1	Cover - Diaphragm
20	66632	1	Diaphragm - Metering
21	66633	1	Gasket - Diaphragm
22	66644	1	Screw - Inlet lever pin
23	66636	1	Pin - Inlet lever
24	66638	1	Lever - Inlet
25	66404	1	Spring Inlet lever
26	66637	1	Needle - Inlet
27	66623	1	Screen - Fuel inlet
28	88771	1	Jet - H/S fuel (029)
	88772		Jet - H/S fuel (028) Alt.
	88781		Jet - H/S fuel (027) Alt.
29	52928	1	Plug - Cup
30	66622	1	Plug - Welch
	88774		Set - Gasket
	88775		Kit - Repair
	88776		Set - Gasket Diaphragm

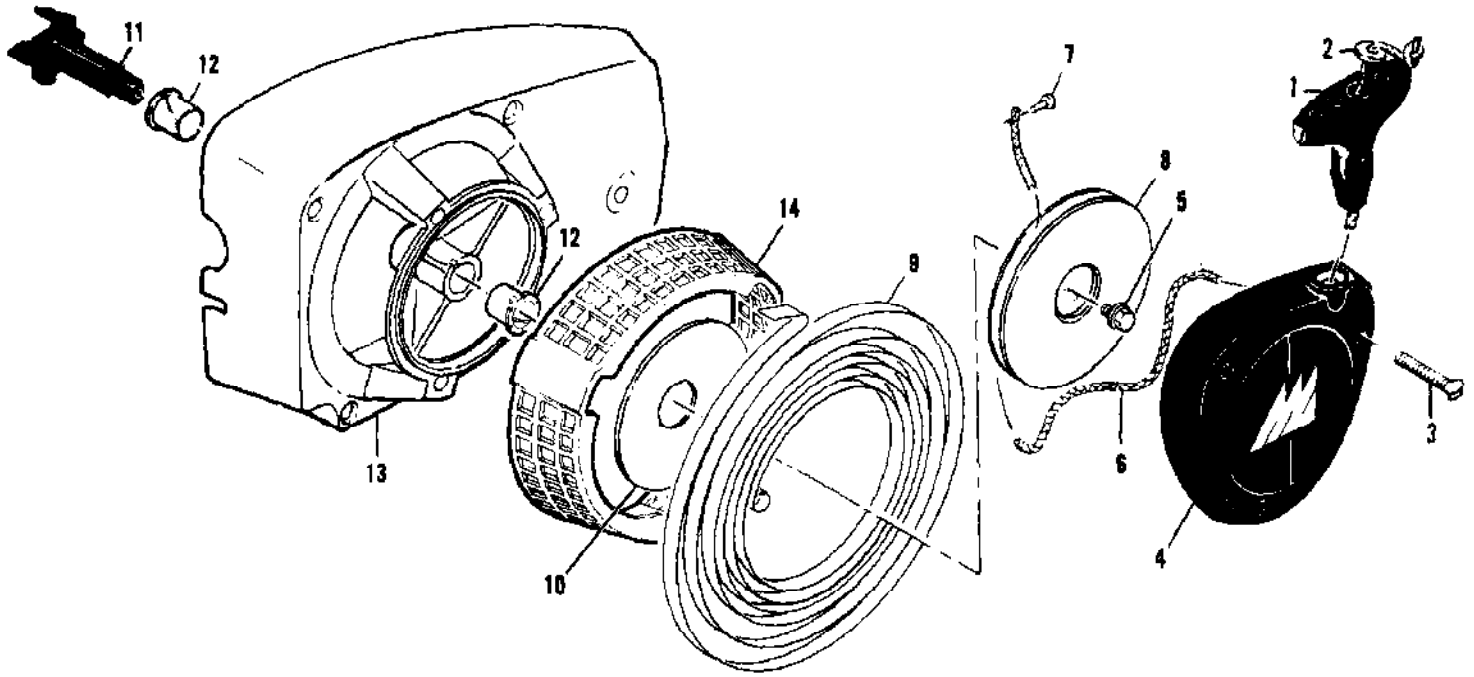


Ref #	Part Number	Qty	Description
	89324	1	Carburetor Asy - SDC
	91275	1	Carburetor Asy - SDC
1	67501	4	Screw - Pump cover
2	88731	1	Kit - Pump cover
3	88617	1	Gasket - Cover
4	67498	1	Diaphragm - Check valve
5	83114	1	Diaphragm - Fuel pump
6	47690	3	Screw - Plate
7	83762	1	Plate - Throttle
8	67489	1	Clip - Shaft
9	67486	1	Shaft Asy - Throttle
10	85981	1	Spring - Throttle return
11	67490	1	Plate - Choke
12	67488	1	Shaft Asy - Choke
13	100302	1	Ball - Choke friction
14	67504	1	Spring - Choke friction
15	68106	1	Screw - Idle speed
16	67502	2	Spring - Idle
17	90345	1	Needle - Idle mixture
18	70798	4	Screw - Diaphragm cover
19	83761	1	Cover - Diaphragm
20	67499	1	Diaphragm - Metering
21	67496	1	Gasket - Diaphragm
22	67500	1	Screw - Lever pin
23	67508	1	Pin - Lever
24	67509	1	Lever - Inlet
25	67503	1	Spring - Lever
26	67491	1	Valve - Needle
27	71690	1	Plug - 3/8
28	67507	1	Screen - Fuel
29	90346	1	Jet - High speed (032) (std)
	90347		Jet - H/S (033) Alt.
	90348		Jet - H/S (031) Alt.
	90349		Jet - H/S (029) Alt.
	90350		Jet - H/S (028) Alt.
	90351		Jet - H/S (026) Alt.
	90350	1	Jet - High speed (028) (std)
	88620		Kit - Repair
	88619		Set - Gasket

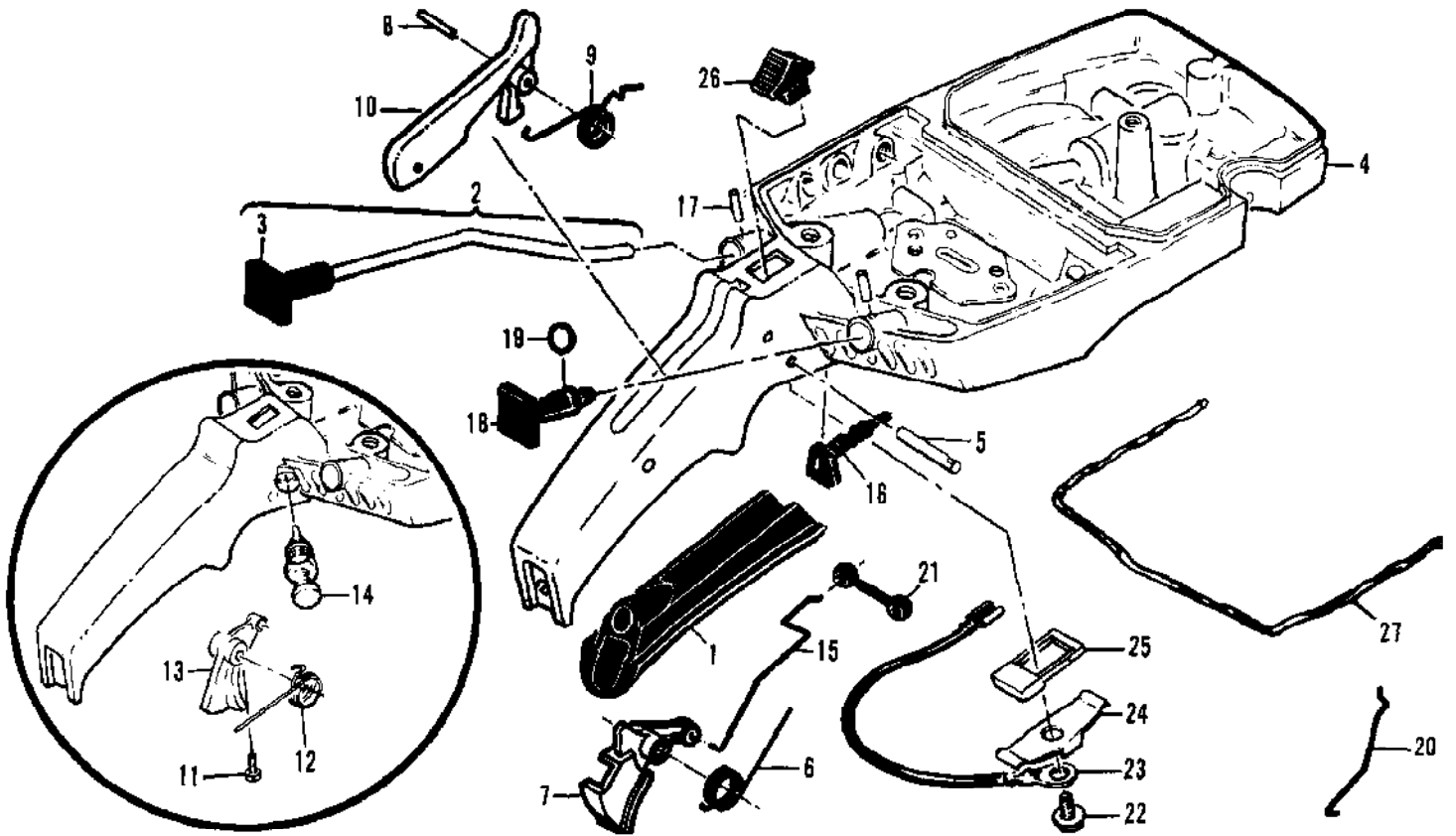




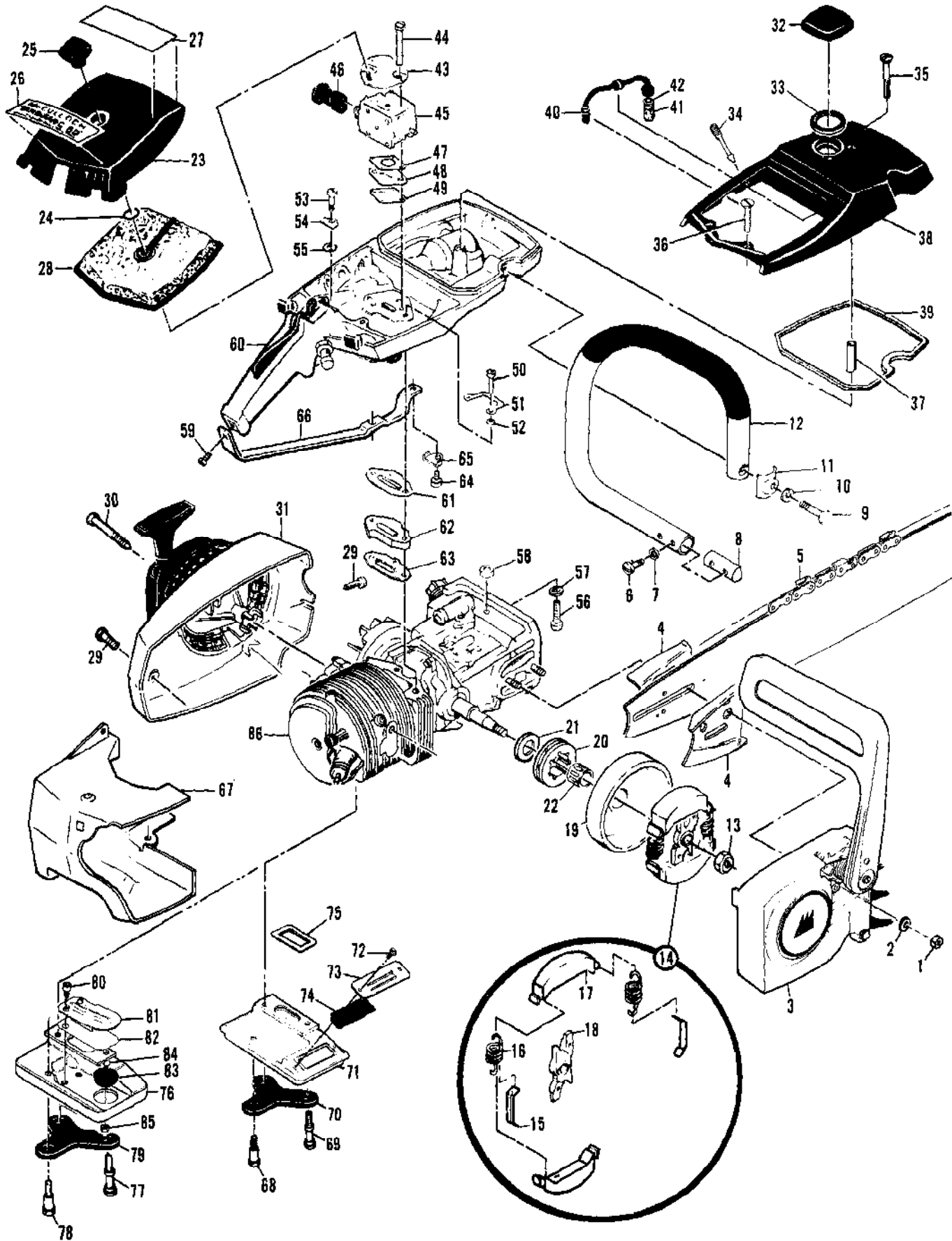
Ref #	Part Number	Qty	Description
	91278	1	CHAIN BRAKE Asy
1	102500	1	Screw - Pan hd 10-24 x 1/2
2	91273	1	Washer - Special
3	91251	1	Lever Asy
4	91239	1	Spring
5	91235A	1	Latch Asy
6	105738	1	Screw - Skt hd 1/4-20 x 7/8
7	91274	2	Washer - Special
8	91238	1	Band
9	91249	1	Housing Asy
10	110527	1	Screw - Fil hd 10-24 x 2-3/4
11	110264	1	Washer - #10
12	61705	1	Nut - Bar adjusting
13	100002	1	Washer - #10
14	102067	1	Nut - Hx 10-24
15	91246	1	Pin - Lever pivot
16	91245	1	Washer - Thrust
17	86330	1	Kit - Spike
18	102388	2	Screw - Hx hd 10-24 x 5/8
19	101191	2	Nut - Hx 10-24



Ref #	Part Number	Qty	Description
1	91255	1	Kit - Starter handle
2	105490	1	Washer - Starter handle
	87667	1	Fan Housing & Starter Asy
3	110646	3	Screw - Oval hd 8-32 x 1-1/8
4	87672	1	Cover - Starter
5	110341	1	Screw - Hx hd 10-24 x 1/2
6	68162	1	Rope-Starter
7	110470	1	Rivet-Rope
8	85122	1	Drum-Starter
9	87680	1	Spring-Rewind
10	86053	1	Shield-Spring
11	83748	1	Shaft-Starter
12	57535	2	Bushing - Starter
13	87693	1	Kit-Fan Housing
14	87674	1	Guard-Sawdust



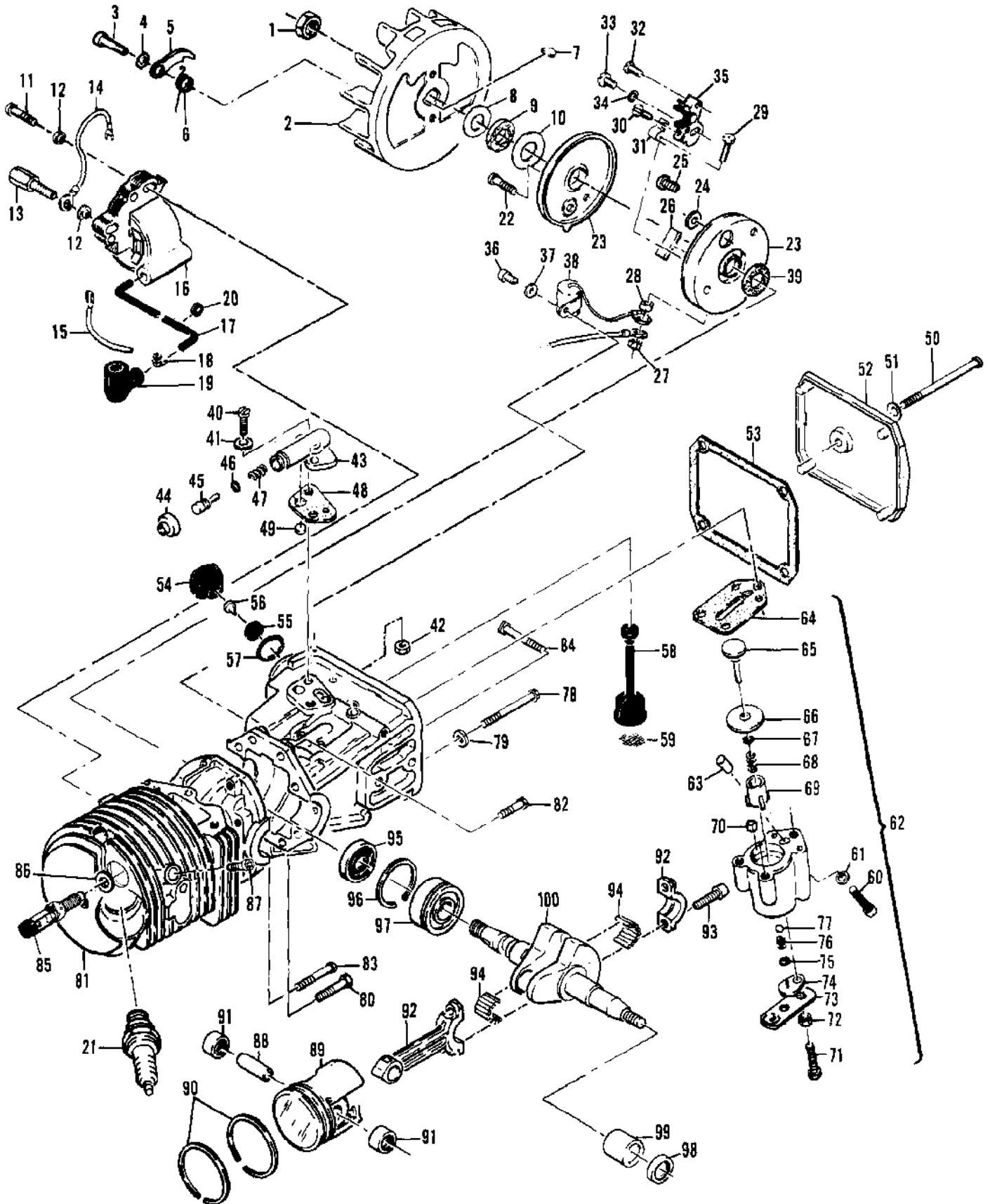
Ref #	Part Number	Qty	Description
1	89320	1	Insert - Handle grip
2	64871	1	Button & Rod Assembly
3	63044	1	Button - Oiler
4	84183A	1	Kit - Fuel Tank/Control
5	110378	1	Pin - Roll 3/16 x 15/16
6	92152	1	Spring - Trigger
7	92151	1	Trigger - Throttle
8	105654	1	Pin - Roll 1/8 x 7/8
9	92154	1	Spring - Trigger release
10	92153A	1	Release - Trigger
11	110668	1	Screw - Fil hd 8-36 x 5/8
12	87178	1	Spring - Throttle return
13	88796	1	Trigger
14	85451	1	Latch Asy - Throttle
15	85107	1	Rod - Throttle
16	68522A	1	Seal - Throttle rod
17	105673	2	Pin - Roll 3/32 x 9/16
18	69041	1	Button - Choke
19	105614	1	"O" Ring
20	69042	1	Rod - Choke
21	69043	1	Snubber - Rod
22	110706	1	Screw - Fil hd 8-18 x 1/2
23	62973A	1	Wire Asy - Stop switch
24	62451	1	Control - Switch
25	62950A	1	Base - Switch
26	68846	1	Button - Switch
27	69564	1	Seal - Airbox



Ref #	Part Number	Qty	Description
1	110454	2	Nut - Hx 5/16 - 24
2	100440	2	Washer - 5/16
3			CHAIN BRAKE & Spike Asys See "Chain Brake & Spike Assembly" illustration and parts list.
4	64330	1	Set - Bar plates
5			Bar & Chain
6	110865	2	Screw - Hx hd 10-24 x 7/8
7	100352	2	Washer - #10
8	89727	1	Retainer - Frame
9	102130	1	Screw - Hx hd 1/4 - 20 x 1-1/2
10	100153	1	Washer - Lock 1/4
11	63484	1	Clamp - Frame
12	87686A	1	Frame & Grip Asy
13	86113	1	Nut - Hx 3/8 - 24 (L.H.)
14	87675	1	Clutch Asy
15	64583	2	Retainer - Spring
16	83223	2	Spring - Clutch
17	67233	2	Shoe - Clutch
18	89438	1	Rotor Asy
19	86946	1	Drum/Spkt Asy - 7T .375P
19	86942	1	Drum/Spkt Asy - 7T .375P (A)
20	86951	1	Sprocket - 7T .375P
20	86344	1	Sprocket - 7T .375P (A)
21	86958	1	Washer - Shim
21	86958	1	Washer - Shim (A)
22	110330	1	Bearing - Sprocket
23	68530A	1	Cover Asy - Air cleaner
24	110565	1	Ring - Retainer
25	68529	1	Knob - Cover
26	91548	1	Plate - Instruction
27	91546	1	Plate - Name
28	69922	1	Filter - Air
29	110741	2	Screw - Pan hd 10-24 x 1/2
30	87871	3	Screw - Special
31			Fan Housing & Starter Asy See "Fan Housing & Starter Assembly" illustration and parts list.
32	89322	1	Cap Asy - Fuel
33	69767	1	Gasket - Fuel cap
34	87932	1	Screw - Idle adjustment See "Carburetor Assembly" illustration and parts list.
35	110402	1	Screw - Oval hd 10-24 x 2-3/8
36	103579	2	Screw - Fil hd 10-24 x 1
37	87840	1	Spacer
38	69679	1	Cover - Fuel Tank See "Carburetor Assembly - SDC" illustration and parts list and "Carburetor Assembly - HS" illustration & parts list.
38	88650	1	Cover - Fuel Tank
39	69345	1	Gasket - Fuel tank cover
40	64848	1	Hose Asy - Fuel
41	63932	1	Filter - Fuel
42	100440	1	Washer - 5/16
43	83204	1	Kit - Air cleaner bracket
44	103357	2	Bolt - Hx hd 10 - 24 x 2-1/4



Ref #	Part Number	Qty	Description
45			Carburetor Asy
46	87665	1	Boot Carburetor adj.
47	86189	1	Gasket - Carburetor
48	84078	1	Spacer - Carburetor
49	84081	1	Gasket - Spacer
50	110570	2	Screw - Hx hd 12-24 x 1-3/8
51	68582	1	Plate - Lock
52	102115	2	Washer - #12
53	110568	1	Screw - Hx hd 12-24 x 1- 1/8
54	69516	1	Plate - Lock
55	64856	1	Washer - Special
56	110713	1	Screw - Skt hd 10-24 x 7/8
57	100003	1	Washer - #10
58	69772	1	Spacer - Fuel tank
59	110910	1	Screw - Hx hd 10-24 x 1-1/4
60			Fuel Tank Asy See "Fuel Tank Assembly" illustration and parts list.
61	84082	1	Gasket - Fuel tank
62	84079	1	Insulator - Fuel tank
63	84082	1	Gasket - Fuel tank
64	110566	1	Screw - Hx hd 10-24 x 5/8
65	68508	1	Plate - Lock
66	85007	1	Brace - Handle
67	85731A	1	Shroud - Cylinder
68	67837	1	Screw - Muffler short
69	67838	2	Screw - Muffler long
70	83993	1	Plate - Lock
71	95318	1	Muffler Asy
72	110662	2	Screw - Pan hd 6-32 x 3/8
73	95320	1	Cover - Screen
74	89431	1	Screen - Spark arrester
75	84007	1	Gasket - Muffler
76	68863	1	Kit - Pancake Reed Muffler
77	67838	2	Screw - Muffler long
78	67837	1	Screw - Muffler short
79	83993	1	Plate - Lock
80	110563	2	Screw - Skt hd 8-32 x 1/4
81	84780	1	Stop - Reed
82	84779	1	Valve - Spark arrester
83	85933	1	Kit - Spark Arrester Screen (A)
84	101987	1	Screw - Rd hd 6-32 x 1/4 (A)
85	100796	1	Nut - Hx 6-32 (A)
86			Powerhead Asy See "Powerhead Assembly" illustration and parts list.
	87666		Carburetor Asy
	89324		Carburetor Asy - SDC
	91275		Carburetor Asy - SDC
	91121		Carburetor Asy - HS



Ref #	Part Number	Qty	Description
1	110703	1	Nut - Hx 3/8-24
2	86068	1	Flywheel
3	88804	2	Screw - Pawl pivot
4	83241	2	Washer - Special
5	67546	2	Pawl - Starter
6	67545	2	Spring - Pawl
7	100106	1	Key - Woodruff
8	67057	1	Washer - Thrust
9	67056	1	Seal - Breaker box cover
10	67054	1	Washer - Thrust
11	110127	1	Screw - Hx hd 10-24 x 7/8 (SEMS)
12	100002	2	Washer - #10
13	83512	1	Stud - Special
14	84686	1	Wire Asy - Ground
15	69344	1	Wire Asy - Primary
16	87246A	1	Coil & Lamination Asy
17	50120	1	Wire Asy - Spark plug
18	55061	1	Connector
19	85758	1	Boot
20	100268	1	Grommet
21	63097	1	Spark Plug
21	93018	1	Spark Plug
22	110584	1	Screw - Pan hd 8-32 x 3/4
23	91852	1	Kit - Breaker box & cover
24	91838	1	Washer
25	110489	1	Screw - Pan hd 6-32 x 7/16
26	54184	1	Wiper - Cam
27	100298	1	Nut - Hx 6-32
28	62365	1	Spacer - Breaker
29	110346	1	Screw - Hx hd 6-32 x 3/4
30	110706	1	Screw - Pan hd 8-18 x 1/2
31	83126	1	Strap - Conduction
32	110811	1	Screw - Pan hd 8-32 x 3/8
33	110969	1	Screw - Hx hd 8-32 x 1/2
34	105976	1	Washer - #8
35	88808	1	Breaker Asy
36	110623	1	Screw - Fil hd 8-32 x 1/2
37	100080	1	Washer - #8
38	85358	1	Condenser
39	67051	1	Seal - Breaker box
40	110338	2	Screw - Fil hd 8-32 x 9/16
41	110613	2	Washer - 18
42	100955	1	Nut - Hx 8-32
43	84156	1	Housing - Pump
44	62262	1	Cap - Housing
45	62266	1	Plunger - Pump
46	105614	1	"O" Ring
47	66687	1	Spring - Pump
48	91669	1	Gasket - Pump
49	91668	1	Valve - Pump
50	110291	1	Screw - Pan hd 10-24 x 2-5/8
51	110921	1	Washer - Sealing
52	86304	1	Cover - Oil tank
53	86306	1	Gasket - Cover
54	87270	1	Cap - Oil tank

Ref #	Part Number	Qty	Description
55	87269	1	Retainer - Valve
56	86402	1	Valve - Check
57	101148	1	"O" Ring
58	91672	1	Hose Asy - Oil
59	51506	1	Screen - Hose
60	110865	1	Screw - Hx hd 10-24 x 7/8
61	100003	1	Washer - #10
62	89115A	1	Pump Asy - Pulse
63	91774	1	Sleeve
64	92818	1	Seal - Pulse pump
65	60260A	1	Piston Asy - Pump
66	86182	1	Ring - Piston
67	105603	1	"O" Ring
68	60259	1	Spring - Piston
69	62227	1	Sleeve - Adjustment
70	91259	1	Pad - Oil pump
71	110386	1	Screw - Hx hd 8-32 x 1
72	100251	1	Nut - Hx 8-32
73	89114	1	Clamp - Pump
74	62407	1	Cover - Outlet valve
75	106104	1	"O" Ring
76	92844	1	Spring - Outlet valve
77	102809	1	Ball
78	62105	4	Screw Asy - Sealing
79	62842	4	Washer - Sealing
80	110288	1	Screw - Hx hd 8-32 x 3/4
81	89435A	1	Crankcase Asy
82	110288	2	Screw - Hx hd 8-32 x 3/4
83	110618	1	Screw - Hx hd 8-32 x 1-3/8
84	62065	2	Bolt - Bar mounting
85	94272	1	Valve - Comp. rel.
86	85505	1	Washer - Valve
87	110681	1	Screw - Skt hd 10-24 x 1/4
88	87710	1	Pin - Piston
89	89783A	1	Piston Asy
90	92517	1	Ring Set - Piston
91	110590	2	Bearing - Needle
92	85352	1	Connecting Rod Asy
93	61627A	2	Screw - Skt hd special
94	63225	1	Roller - Needle (Set of 20)
95	67906	1	Seal - Oil
96	63464	1	Ring - Snap
97	67905	1	Bearing - Ball
98	110260	1	Seal - Oil
99	104357	1	Bearing - Needle
100	87699	1	Crankshaft